

ABSTRACT

A gate line is severed before the gate line reaches an output portion of a vertical driving circuit of a display device, and the separated gate lines are connected by a metal wiring in an upper layer. The gate line is, for example, made of molybdenum, chrome, a molybdenum alloy or a chrome alloy, and the metal is made of aluminum or an aluminum alloy. Since the gate line is severed, the voltage stored in the gate line during the manufacturing process will not be discharged to the gate wiring of the thin film transistor, preventing the break down of the gate insulating layer of the thin film transistor.